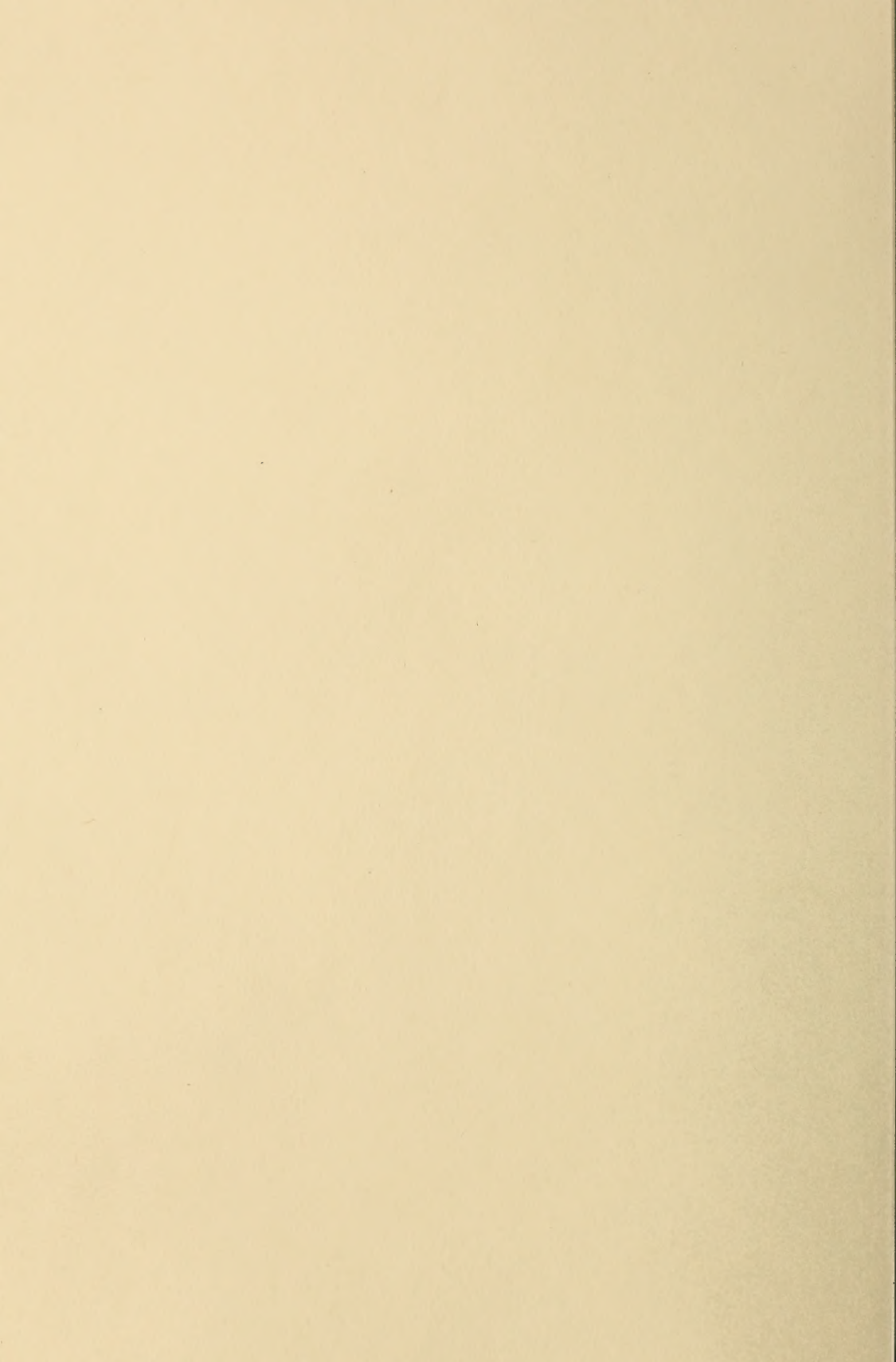


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68.41
1907
SEED CATALOG



Alfred J. Brown
Seed Co.

Growers, Merchants,
and Importers of

SEEDS



Cor. Ottawa and Louis Streets
GRAND RAPIDS, MICHIGAN

VALUABLE TABLE.

Seed requisite to produce a given number of Plants, and sow a given amount of ground.

	Quantity per acre		Quantity per acre
Asparagus, 1 oz. to 200 plants	5 lbs.	Hemp	½ bu.
Barley	2½ bu.	Kale, 1 oz. to 3000 plants	4 oz.
Beans, dwarf, 1 quart to 150 feet of drill	1 bu.	Kohl-Rabi, 1 oz. to 200 feet of drill	1½ lbs.
Beans, pole, 1 quart to 200 hills	½ bu.	Lettuce, 1 oz. to 250 feet of drill	3 lbs.
Beet, garden, 1 oz. to 100 feet of drill	10 lbs.	Melon, Musk, 1 oz. to 100 hills	2 lbs.
Beet, mangel, 1 oz. to 150 feet of drill	10 lbs.	Melon, Water, 1 oz. to 25 hills	2½ lbs.
Broccoli, 1 oz. to 3000 plants	5 oz.	Nasturtium, 1 oz. to 50 feet of drill	10 lbs.
Broom Corn	10 lbs.	Oats	2½ bu.
Buckwheat	½ bu.	Onion Seed, 1 oz. to 200 feet of drill	5 lbs.
Cabbage, 1 oz. to 3000 plants	5 oz.	“ “ for sets	50 lbs.
Carrott, 1 oz. to 250 feet of drill	2½ lbs.	Onion Sets, 1 quart to 20 feet of drill	8 bu.
Cauliflower, 1 oz. to 3000 plants	5 oz.	Parsnip, 1 oz. to 250 feet of drill	5 lbs.
Celery, 1 oz. to 10,000 plants	4 oz.	Parsley, 1 oz. to 250 feet of drill	8 lbs.
Clover, Alsike and White Dutch	6 lbs.	Peas, garden, 1 qt to 150 feet of drill	2 bu.
“ Lucerne, Large Red & Crimson	15 lbs.	Peas, field	3 bu.
“ Medium	10 to 15 lbs.	Pepper, 1 oz. to 1500 plants	4 oz.
Collards, 1 oz. to 2500 plants	6 oz.	Potatoes	8 bu.
Corn, sweet, 1 quart to 500 hills	8 qts.	Pumpkin, 1 quart to 300 hills	4 qts.
Cress, 1 oz. to 150 feet of drill	8 lbs.	Radish, 1 oz. to 150 feet of drill	8 lbs.
Cucumber, 1 oz. to 80 hills	2½ lbs.	Rye	1½ bu.
Egg Plant, 1 oz. to 2000 plants	3 oz.	Salsify, 1 oz. to 60 feet of drill	8 lbs.
Endive, 1 oz. to 300 feet of drill	3 lbs.	Spinage, 1 oz. to 150 feet of drill	15 lbs.
Flax, broadcast	½ bu.	Summer Savoy, 1 oz. to 500 feet of drill	2 lbs.
Garlic, bulbs, 1 lb to 10 feet of drill	2½ lbs.	Squash, summer, 1 oz. to 40 hills	2 lbs.
Gourd, 1 oz. to 25 hills	2½ lbs.	“ winter, 1 oz. to 10 hills	3 lbs.
Grass, Blue Kentucky	2 bu.	Tomato, 1 oz. to 3000 plants	3 oz.
“ Blue English	1 bu.	Tobacco, 1 oz. to 5000 plants	2 oz.
“ Hungarian and Millet	¾ to 1 bu.	Turnip, 1 oz. to 250 feet of drill	1½ lbs.
“ Mixed Lawn	4 bu.	Vetches	2 bu.
“ Orchard, Perennial Rye, Red Top, Fowl Meadow and Wood Meadow	2 bu.	Wheat	1 to 2 bu.

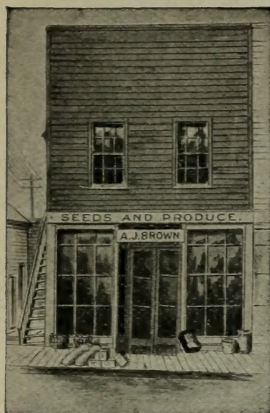
Number of Plants or Trees to the Acre at given distances.

Dis. apart	No. Plants	Dis. apart	No. Plants	Dis. apart	No. Plants	Dis. Apart	No. Plants
½ foot	174,240	3 feet by 3 feet	4,840	6 feet	1,210	12 feet	302
1 foot	43,560	4 feet by 1 foot	10,88	7 feet	889	15 feet	193
1½ feet	19,360	4 feet by 2 feet	5,444	8 feet	680	18 feet	134
2 feet	10,890	4 feet by 3 feet	3,629	9 feet	573	20 feet	108
2½ feet	6,969	4 feet by 4 feet	2,722	10 feet	435	25 feet	69
3 feet by 1 foot	14,520	5 feet by 5 feet	1,742	11 feet	360	30 feet	49
3 feet by 2 feet	7,260						

Standard Weight of Various Articles.

	per bush	48 lbs.		per bush	56 lbs.
Apples	“	22	Onions	“	60
Apples, dried	“	48	Peas	“	60
Barley	“	60	Rape	“	50
Beans	“	50	Rye	“	56
Buckwheat	“	46	Red Top Seed	“	14
Broom Corn	“	14	Salt Coarse	“	50
Blue Grass, Kentucky	“	24	Salt, Michigan	“	56
Blue Grass, English	“	20	Sweet Potatoes	“	56
Bran	“	60	Timothy Seed	“	45
Canary Seed	“	46	Turnips	“	58
Castor Beans	“	60	Wheat	“	60
Clover Seed	“	56	Beef and pork, per bbl., net	“	200
Corn, shelled	“	70	Flour, per bbl., net	“	196
Corn, on ear	“	50	Salt, per bbl.	“	280
Corn Meal	“	28	Lime, per bbl.	“	220
Dried Peaches	“	56	Hay, well settled, per cubic foot	“	4½
Flax Seed	“	44	Corn, on cob, in bin	“	22
Hemp Seed	“	60	Corn, shelled	“	45
Hungarian Grass Seed	“	60	Wheat	“	48
Irish Potatoes	“	50	Oats	“	25½
Millet	“	38	Sand, dry	“	95
Malt	“	32	Clay, compact	“	135
Oats	“	14	Seasoned Beech Wood, per cord	“	5616
Orchard Grass	“		Seasoned Hickory,	“	6960

Good Seed, like Good Business "Grows."



The birth place of the Alfred J. Brown Seed Co.

(Photograph taken in 1885)

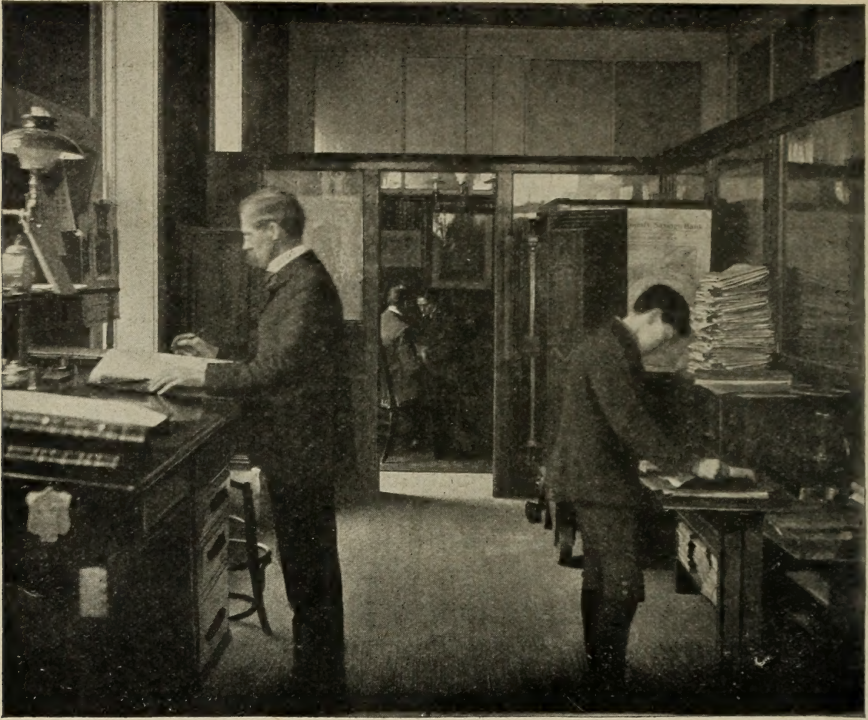
No. 154 East Fulton Street.

have always sent out the best seeds that grow and we expect to continue to do so as long as we are engaged in the seed business.

Yours Truly, **ALFRED J. BROWN SEED CO.**



PRESENT LOCATION.



Bookkeeper's Office, Showing Private Office in Rear.



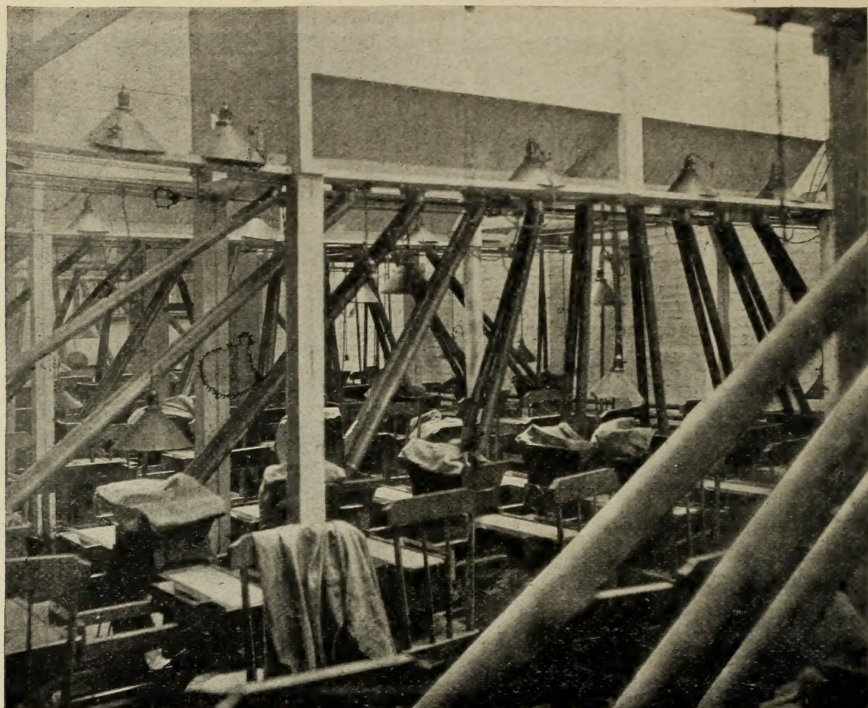
A Corner in our General Offices.



A Partial View of one of our Store Rooms.



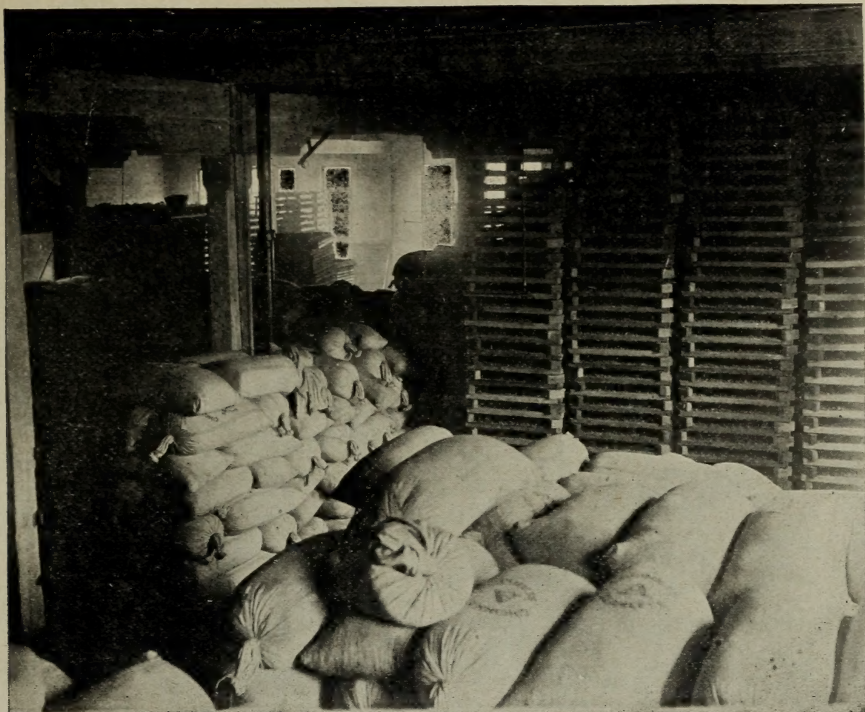
View of Part of the Main Floor.



View of Picking Room during recess.



Bagging Room on Second Floor.



A Partial View of the Upper Floor or Loft.



View of Packing Room.

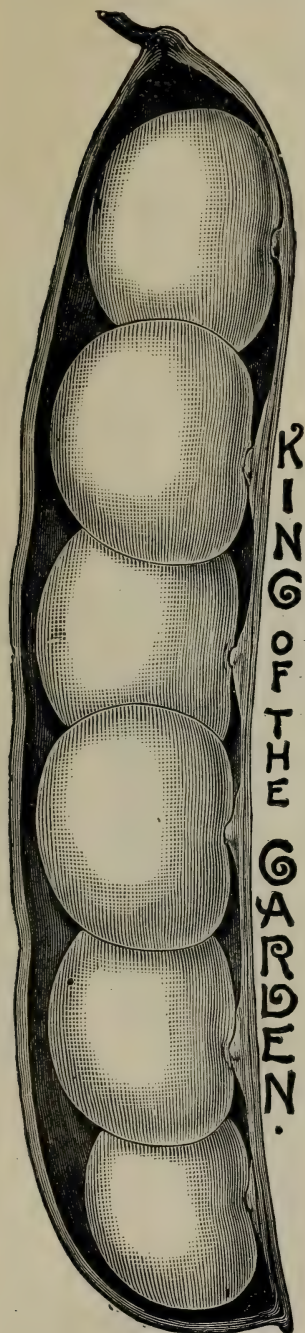
		Oz.	¼ lb.	Lb.
ASPARAGUS.	Columbian Mammoth White	5	15	50
	Conover's Colossal.....	5	15	50
Asparagus Roots.	One year old, 75c. per 100;	\$5.00	per 1,000	
	Two " " 1.00 " "	6.00	" "	
Artichoke		Oz.	¼ lb.	Lb.
	Large Green Globe	30	\$1 00	\$3 50



Photo of One of Our Seed Crops in the Stage of Early Maturity.

BEANS—DWARF WAX PODDED.

	Qt.	Peck	Bu.
Davis Kidney Wax.....	25	\$1 50	\$5 50
Wardwell's Kidney Wax.....	25	1 50	5 50
Dwarf Golden Wax	25	1 40	5 00
Improved Golden Wax	25	1 40	5 00
Detroit Wax... ..	25	1 40	5 00
Currie's Rust Proof Black Wax .	25	1 50	5 50
Prolific German Black Wax	25	1 40	5 00
Challenge Dwarf Black Wax ...	25	1 50	5 50
Round Pod Kidney Wax.....	25	1 50	5 50

**BEANS—DWARF GREEN PODDED.**

	Qt.	Pk.	Bu.
Burpee's Stringless Green Pod	25	\$1 50	\$5 00
Extra Early Round Pod			
Red Valentine	20	1 25	4 00
Extra Early Refugee....	20	1 25	4 00
Refugee or Thousand to One	20	1 25	4 00
Dwarf Horticultural	20	1 40	5 00
Royal Dwarf Kidney....	15	85	3 00
Large White Marrow ...	15	85	3 00
Improved Red Kidney ..	15	85	3 00
Improved Tree Pea Bean	15	75	2 25
True Pea or Navy	15	50	1 75

**Burpee's Bush Lima.****LIMA—DWARF VARIETIES.**

	Qt.	Pk.	Bu.
Burpee's Bush Lima	25	\$1 50	\$5 50
Henderson's Bush Lima.	25	1 50	5 50

POLE OR RUNNING VARIETIES.

	Qt.	Pk.	Bu.		Qt.	Pk.	Bu.
Dutch Case Knife	25	\$1 40	\$5 00	Large White Lima	25	\$1 40	\$5 00
Kentucky Wonder	25	1 40	5 00	King of the Garden	25	1 50	5 50
Lazy Wife.....	25	1 40	5 00	Early Jersey	25	1 50	5 50

TABLE BEET.

	Oz.	$\frac{1}{4}$ lb.	Lb.
Crosby's Early Egyptian.....	5	15	50
Egyptian Blood Turnip.....	5	15	45
Eclipse Blood Turnip	5	15	40
Early Blood Turnip.....	5	15	40
Detroit Dark Red Turnip.....	5	15	40
Bastian's Half Long Blood.....	5	15	40
Long Dark Blood.....	5	15	40
Swiss Chard	5	15	40



CROSBY'S EARLY EGYPTIAN.

The Earliest Beet for Bunching.

SUGAR BEET FOR SUGAR MAKING.

	Per lb.	Per 6 lbs.
Klein Wanzleben.....	20	\$1 00
Vilmorin's Improved.....	20	1 00

SUGAR BEETS FOR STOCK FEEDING.

White French Sugar, Red Top.....	20	1 00
Yellow French Sugar.....	20	1 00
Lane's Imperial Sugar	20	1 00
Giant Half Sugar	20	1 00

MANGEL WURZEL.

Mammoth Long Red, Improved....	20	1 00
Yellow Globe	20	1 00
Orange Globe	20	1 00
Golden Tankard.....	20	1 00
Yellow Leviathan.....	20	1 00
Red Globe.....	20	1 00

CABBAGE

EARLY AND SUMMER VARIETIES

	Oz.	$\frac{1}{4}$ lb.	Lb.
Early Jersey Wakefield, Finest American Grown .	20	60	\$2 00
Large Wakefield	20	60	2 00
Early Winningstadt	15	35	1 25
Henderson's Early Summer ...	15	40	1 50
Henderson's Succession.	15	50	1 75
All Seasons	15	40	1 50
All Head	15	40	1 50



Premium Flat Dutch.

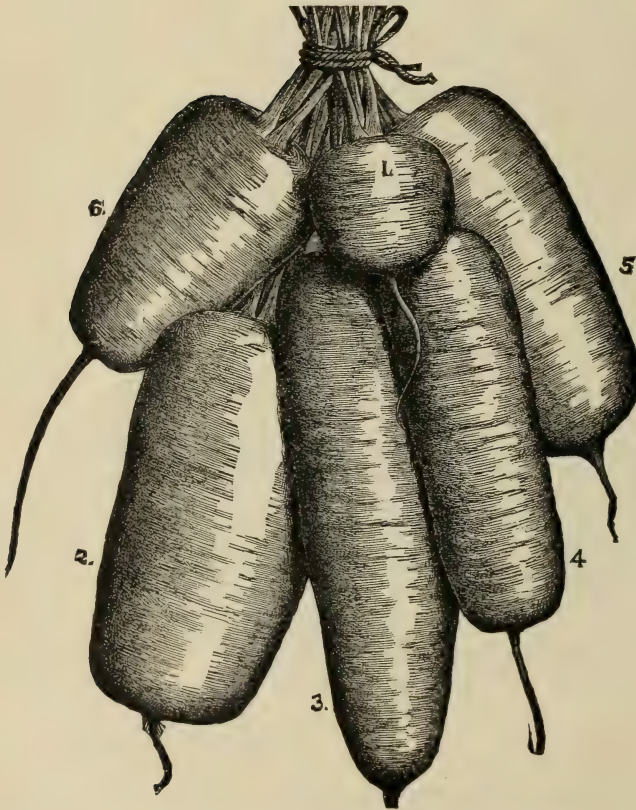
AUTUMN AND WINTER.

	Oz.	$\frac{1}{4}$ lb.	Lb.
Premium Flat Dutch	15	35	1 25
Large Late Drumhead	15	35	1 25
Danish Round Winter	20	50	1 75
Hollander	20	50	1 75
Surehead	15	40	1 50
Savoy Improved American	15	40	1 50
Mammoth Rock Red	20	60	2 00

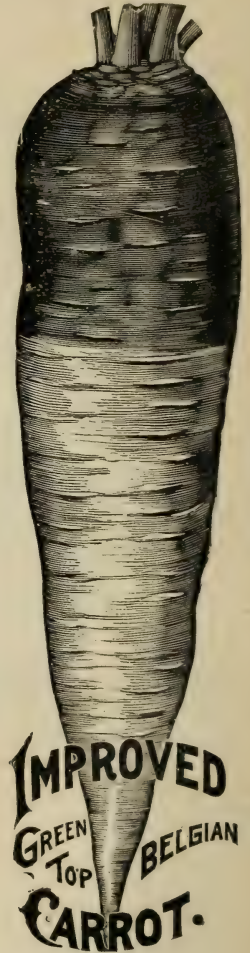
CARROTS

TABLE CARROTS

	Oz.	$\frac{1}{4}$ lb	Lb.
Early Short Horn.....	10	20	60
Danver's Half Long.....	10	20	60
Chantenay Stump Rooted ...	10	20	60
Guerande or Ox Heart.....	10	20	60
Nante's Half Long.....	10	20	60
Long Orange.....	10	20	50



No. 1—Extra Early Forcing. No. 4—Danver's Half Long.
 No. 2—Oxheart. No. 5—Nante's Half Long.
 No. 3—Improved Long Orange. No. 6 Chantenay Stump Rooted.



STOCK CARROTS

	Oz.	$\frac{1}{4}$ lb.	Lb.
Giant White Belgium.....	5	15	35
Orange Belgium.....	5	15	40

CAULIFLOWER

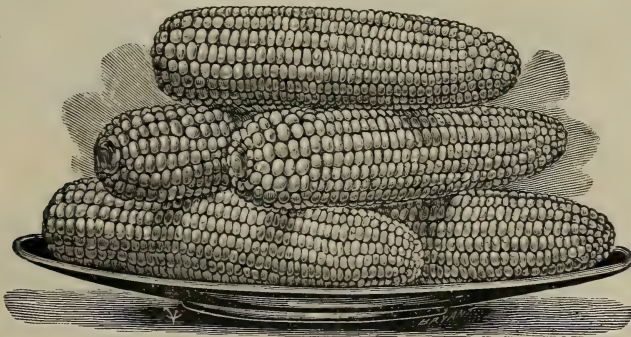
Henderson's Early Snow Ball, Finest Quality ^{Oz.} \$2 00 ^{¾ lb.} \$7 00



True Snow Ball.

SWEET CORN

	Qt.	Pk.	Bu.		Qt.	Pk.	Bu.
Peep O'Day	20	90	\$3 50	Crosby's Early	20	80	\$3 00
Mammoth White Cory ...	20	80	3 00	Moore's Concord	20	80	3 00
White Cob Cory .	20	75	2 75	Old Colony ...	20	80	3 00
Early Minnesota .	20	75	2 75				
Honey Dew, the largest Medium Early (New)	20	90	3 50				

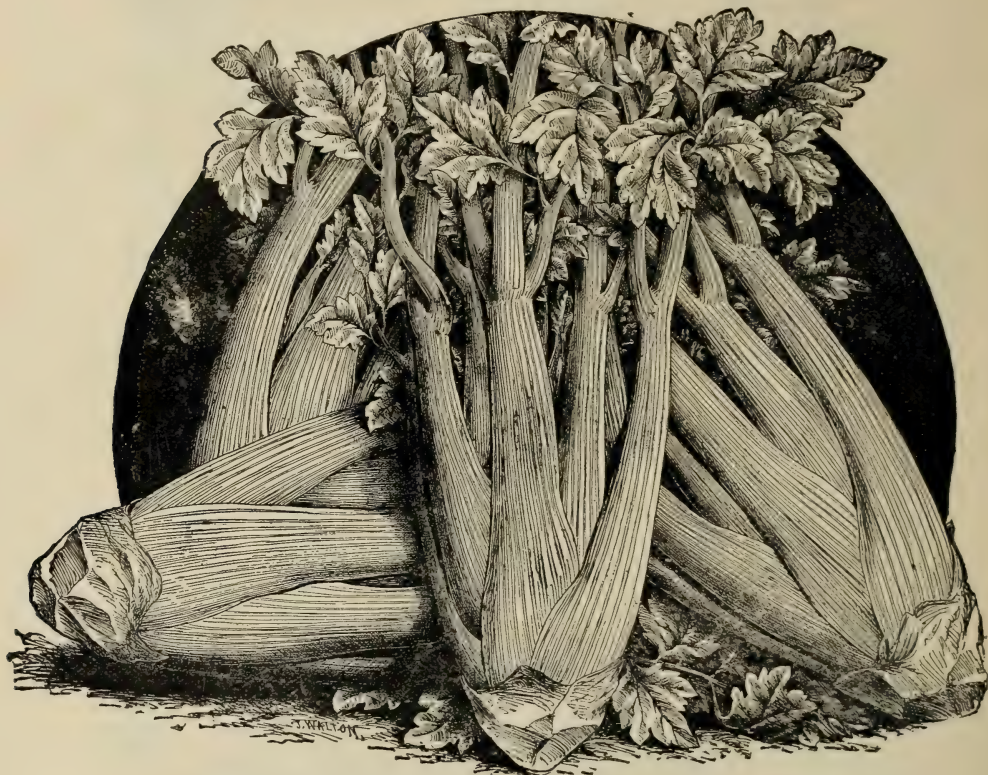


Mammoth White Cory.

	Qt.	Pk.	Bu.		Qt.	Pk.	Bu.
New Champion ..	20	80	\$3 00	Ferry's Evergreen ..	20	80	\$3 00
Perry's Hybrid ..	20	75	2 75	Stowell's Evergreen	20	75	2 75
Black Mexican ..	20	90	3 25	Country Gentleman	20	90	3 50

CELERY

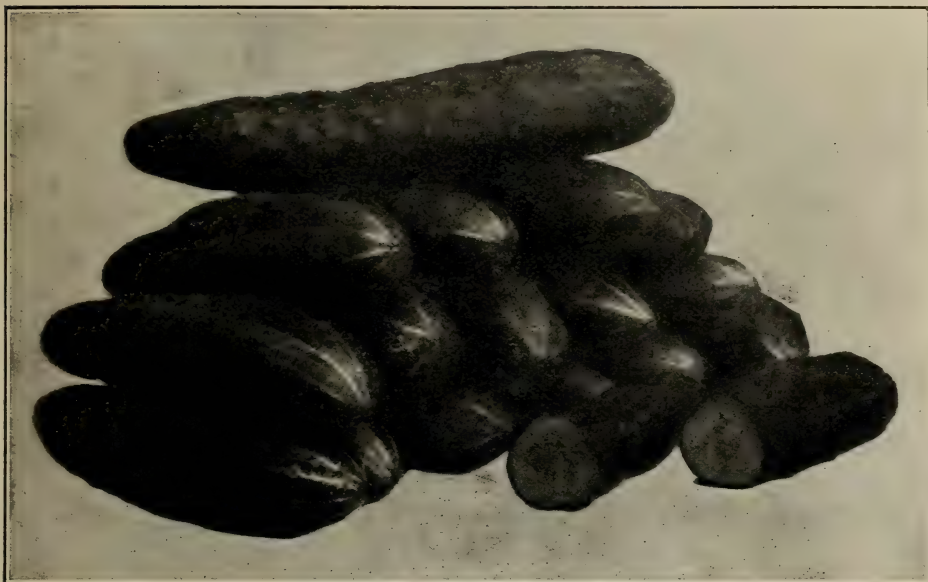
	Oz.	¼ lb.	Lb.
Golden Self-Blanching.....	25	90	\$3 25
White Plume	15	40	1 50
Giant Pascal	15	35	1 25
Perfection Heartwell	15	35	1 25
Dwarf White Solid, or Kalamazoo ..	15	35	1 25
Crawford's Half Dwarf	15	35	1 25
Dwarf Golden Heart	15	35	1 25
Boston Market	15	35	1 25
Celeriac or Turnip Rooted	15	40	1 50
Celery Seed for Flavoring.....	5	15	40
Celery, Soup or Cutting.....	15	35	1 00



Dwarf White Solid, or Kalamazoo.

	Oz.	¼ lb.	Lb.
CRESS, Curled or Pepper Grass.....	5	15	40
CORN SALAD, Large Seeded.....	5	15	40
EGG PLANT, Improved New York Purple.....	25	90	\$3 00
ENDIVE, Moss Curled	10	30	1 00
“ Green “	10	30	1 00
KALE OR BORECOLE, Tall green curled Scotch..	10	20	50
“ “ “ Dwarf curled Scotch or German Greens..	10	20	50
KOHL RABI, Early White Vienna	20	60	2 00
“ “ “ Purple “	20	60	2 00
LEEK, London Flag	10	25	90

CUCUMBERS



Davis Perfect Cucumber.

	Pkg.	Oz.	$\frac{1}{4}$ lb.	Lb.
Davis Perfect	10	25	75	\$2 50
Early Russian	10	20		60
Early Frame or Short Green	10	20		60
Early Green Cluster	10	20		60
Arlington White Spine	10	20		60
Improved White Spine	10	20		60
Chicago Pickling	10	20		50
Boston Pickling	10	20		60
Improved Long Green	10	20		60
Small Gherkin, "for pickles"	15	30		1 00
Cool and Crisp	10	20		60



Improved White Spine.



Grand Rapids Forcing Lettuce.

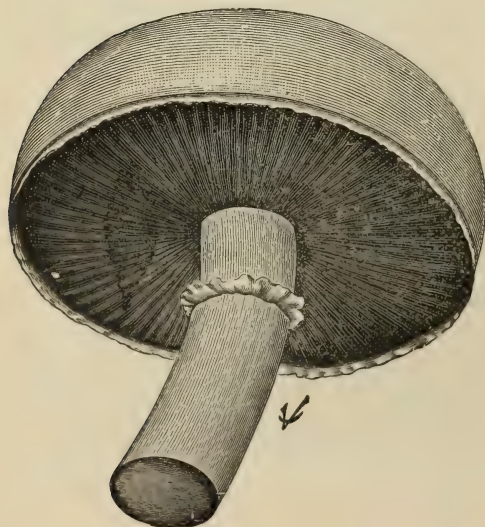
LETTUCE

	Oz.	¼ lb.	Lb.
Premium Cabbage	10	25	70
Early Curled Silesia.....	10	25	70
Hanson	10	25	75
Grand Rapids Forcing (original) Extra Quality	15	50	1 50
Early Tennis Ball	10	25	75
Early Curled Simpson	10	25	70
Black Seeded Simpson	10	25	70
Prize Head	10	25	75
California Cream Butter	10	25	75
Big Boston	10	25	75
Grand Rapids, ordinary stock	10	25	75

MUSHROOMS

Mushrooms can be grown in any dark room or cellar, where the temperature can be maintained at 50° to 60°. From old pasture procure the soil and store it away. To one bushel of this soil add two bushels of fresh horse manure. Of this well mixed compound prepare a bed, say four feet wide. Put down a thin layer and pound it down hard, and go on until you have a bed eight inches thick. It will soon become pretty hot, but let the heat recede until it is only 85° or 90°. Then make holes, say a foot apart, and put in the spawn, two or three pieces as large as a walnut in each hole. Cover the holes and press the soil solid and smooth. Let the bed remain in this condition about twelve days; then cover it with two inches of fresh loam, and over this place four or five inches of hay or straw, and the work is done. If the temperature is right, in six or eight weeks you may expect Mushrooms. The bed will continue bearing from twenty to thirty days. After the first crop is gathered, spread over the bed an inch of fresh soil, moisten with warm water, and cover with hay as before. Success is not always certain with the amateur, and it is usually to be attained only after more or less experience. One pound of spawn is enough for a bed 3 x 6 feet.

Price, English, per lb.....	15
“ “ per 100 lbs. . .	\$9 00
Garden City, pure culture, lb.	20
“ “ “ 100 lbs.	12 00

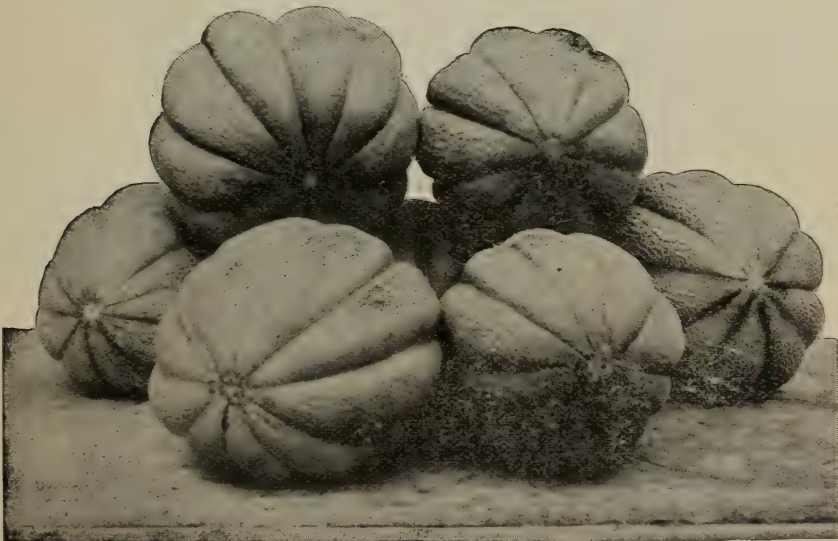


MUSK MELON



Paul Rose.

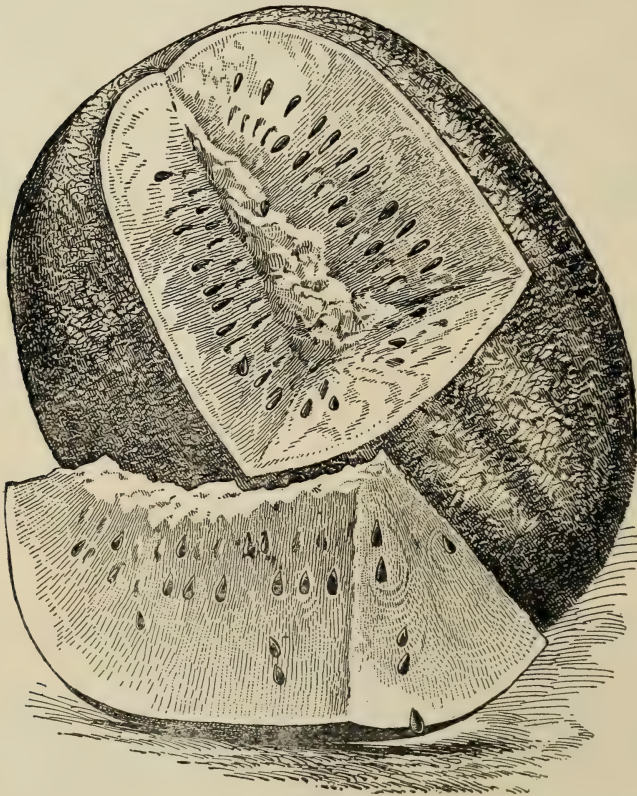
	Oz.	$\frac{1}{4}$ lb.	Lb.		Oz.	$\frac{1}{4}$ lb.	Lb.
Paul Rose.....	10	25	75	Netted Gem.....	10	20	60
Rocky Ford.....	10	20	60	Large Green Nutmeg	10	20	70
The Osage.....	10	25	75	Montreal Nutmeg ..	10	20	70
Extra Early Hackensack	10	20	60	Emerald Gem	10	25	90
Large Hackensack....	10	20	60	Surprise	10	20	60
Grand Rapids Early Market.....					10	20	60



Grand Rapids Early Market.

WATER MELONS

	Oz.	$\frac{1}{4}$ lb.	Lb.
Sweetheart.....	5	15	50
Vick's Early	5	15	50
Mountain Sweet	5	15	40
Florida Favorite.....	5	15	50
Phinney's Early	5	15	40
Cuban Queen	5	15	40
Kolb Gem	5	15	40
Peerless	5	15	50



Sweetheart.

	Oz.	$\frac{1}{4}$ lb.	Lb.
Mammoth Iron Clad	5	15	40
Round Light Icing.....	5	15	40
Dark Icing	5	15	40
Mountain Sprout	5	15	40
Black Spanish.....	5	15	40
Georgia Rattlesnake.....	5	15	40
Citron (for preserves)	5	15	40

ONION SEED

	Oz.	$\frac{1}{4}$ lb.	Lb.
Extra Early Flat Red	15	40	\$1 50
Large Red Wethersfield	15	40	1 50
Southport Red Globe (Select)	15	50	1 75
Yellow Globe Danvers (Select)	15	50	1 75
Michigan Yellow Globe	20	60	2 00
Yellow Strasburg	15	35	1 25
Yellow Danvers Flat	15	35	1 25
Mammoth Prize Taker	15	40	1 50
White Globe Southport	20	75	2 50
White Portugal or Silverskin	15	50	1 75
Early White Queen	15	40	1 50
Mammoth Silver King	15	40	1 50
White Barletta	15	40	1 50



ONION SETS

SUBJECT TO MARKET CHANGES.

	Qt.	Peck	Bu.
White Silverskin	20	\$1 00	\$3 75
Yellow	15	80	2 75
Dark Red	15	90	3 00
Winter Tops	10	50	1 50
Spring Tops	20	1 00	3 50

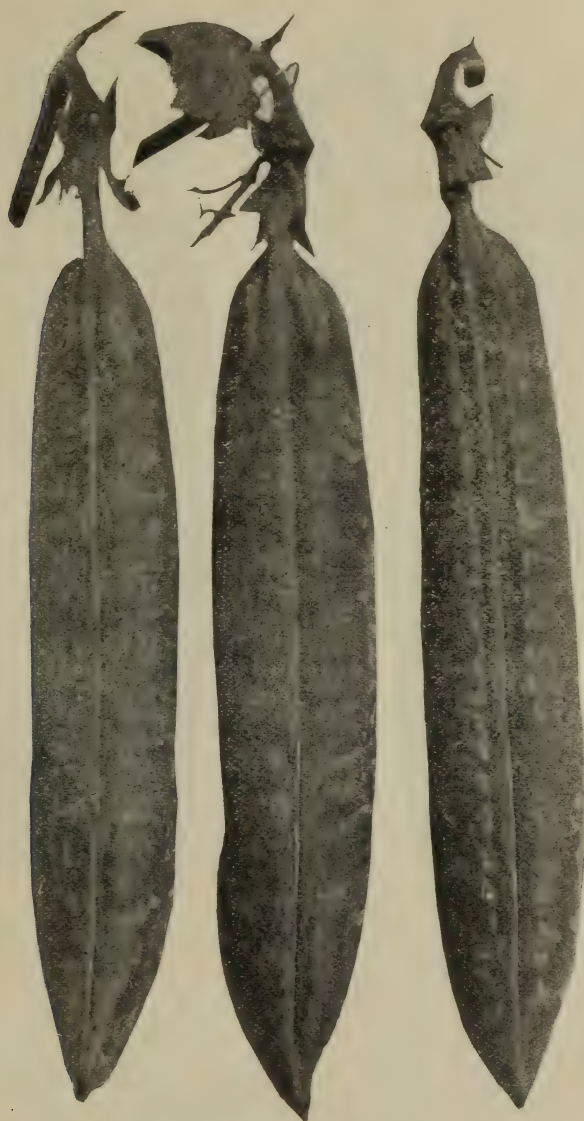
Garden Peas



Gradus or Prosperity.

EXTRA EARLY SORTS

	Qt.	Pk.	Bu.
Extra Early Select Stock	20	90	\$3 25
First and Best	20	90	3 25
Extra Early Alaska	25	1 25	4 50
Gradus	35	2 00	7 50
American Wonder	25	1 50	5 50
Thomas Laxton	30	1 75	6 50
Nott's Excelsior	25	1 50	5 50
Gregory's Surprise	25	1 40	5 00

**Improved Telephone.****EARLY SORTS.**

	Qt.	Pk.	Bu.
Premium Gem.....	25	\$1 40	\$5 00
McLean's Little Gem	25	1 40	5 00
Improved Stratagem	25	1 40	5 00
Telephone	25	1 50	5 50
Telegraph	25	1 40	5 00
Yorkshire Hero	20	1 25	4 00
Bliss' Everbearing	20	1 25	4 00

**Duke of Albany.****MAIN CROP AND LATE SORTS**

	Qt.	Pk.	Bu.		Qt.	Pk.	Bu.
Heroine	20	\$1 25	\$4 50	Champion of England	20	\$1 00	\$3 75
Shropshire Hero	20	1 00	3 75	Dwarf Champion	20	1 25	4 50
Duke of Albany	25	1 50	5 50	Black Eyed Marrowfat . . .	15	50	1 75
Horsford's Mar-				Large White Marrowfat . . .	15	50	1 75
cket Garden	20	1 25	4 50	Melting Sugar	25	1 75	6 50
Bliss Abundance	20	1 10	4 00	Tall Grey Sugar	20	1 50	5 50
Pride of the Market	25	1 35	5 00	Dwarf Grey Sugar	20	1 50	5 50

**Large Bull Nose Pepper.****PARSNIP**

	Oz.	$\frac{1}{4}$ lb.	Lb.
Improved Hollow Crown	5	15	40
Long White Dutch	5	15	40

PARSLEY

Champion Moss Curled... ..	10	20	50
----------------------------	----	----	----

PEPPER

Ruby King	20	60	\$2 00
Golden Dawn	20	60	2 00
Sweet Mountain	20	60	2 00
Large Bell or Bull Nose.....	20	60	2 00
Long Red Cayenne....	20	60	2 00
Cherry Form.....	20	60	2 00
Red Chili	20	60	2 00

PUMPKIN

Canner's Pumpkin	5	15	30
Large Cheese ...	5	15	35
Sugar.....	5	15	50
Mammoth Etampes ..	5	15	40
King of the Mammoths.....	10	25	85
Connecticut Field.....	5	10	25

RADISH

	Oz.	$\frac{1}{4}$ lb.	Lb.
Cincinnati Market	5	15	40
Vick's Scarlet Globe	5	15	40
Half Long Bright Scarlet ...	5	15	40
Scarlet Turnip	5	15	40
Scarlet Turnip White Tip	5	15	40
Early Round Dark Red	5	15	40
Long Scarlet Short Top	5	15	40



Vick's True Scarlet Globe
The Best Forcing Radish Known.



Philadelphia White Box.

	Oz.	$\frac{1}{4}$ lb.	Lb.
Wood's Early Frame	5	15	40
French Breakfast	5	15	40
Beckert's Chartier	5	15	40
Philadelphia White Box	5	15	40
Early White Turnip	5	15	40
White Strasburg	5	15	40
Large White Summer	5	15	40
Long White Vienna	5	15	40
Chinese Rose or Scarlet China ...	5	15	40
California Mammoth White Winter	5	15	40
Long Black Spanish	5	15	40
Long White Spanish	5	15	40
Round Black Spanish	5	15	40
Half Long Black Winter ...	5	15	40

SQUASH

SUMMER VARIETIES

	Oz.	$\frac{1}{4}$ lb.	Lb.
Mammoth White Bush	10	20	60
White Summer Crookneck	10	20	60
Early Yellow Bush Scallop.	10	20	50
Early White Bush Scallop	10	20	50
Summer Crookneck	10	20	50
Mammoth Summer Crookneck...	10	20	60



White Summer Crookneck.

WINTER VARIETIES

	Oz.	$\frac{1}{4}$ lb.	Lb.
Hubbard, True Select	10	20	60
Chicago Warty Hubbard	10	20	65
Golden Hubbard	10	20	70
Prolific Orange Marrow	10	20	60
Green Mountain	10	20	65

SPINACH

Thick Leaf Summer	5	10	20
Victoria Long Standing	5	10	20
Bloomsdale	5	10	20

10 lbs. for \$1.50.

SALSIFY

White French	10	35	1 25
Mammoth Sandwich Island	10	35	1 25

TOMATO

	Oz.	$\frac{1}{4}$ lb.	Lb.
Livingston's Globe.....	30	\$1 00	\$3 50
Earliana... ..	25	75	2 50
Magnus	20	60	2 00
Honor Bright	20	60	2 00
Favorite.....	15	50	1 75
Beauty.....	15	50	1 75
Early Acme	15	50	1 75
Perfection	15	50	1 75
Stone	15	50	1 75



Livingston's Globe.

	Oz.	$\frac{1}{4}$ lb.	Lb.
Golden Queen.....	20	60	\$2 00
Dwarf Stone	20	60	2 00
Dwarf Champion	20	60	2 00
Trophy	15	50	1 75
Mikado	20	60	2 00
Matchless	20	60	2 00
Ponderosa	30	1 00	3 50
Early Michigan.....	15	50	1 75
Red Cherry.....	20	60	2 00
Plum Shape	20	60	2 00
Large Yellow	20	60	2 00

**Dwarf Champion.****Honor Bright.**

TOMATO PLANTS

**Livingston's New Magnus.**

We make a specialty of growing fine double rooted Tomato plants from select seed stocks, and can furnish on short notice large quantities. The small plants are transplanted in boxes containing 200 each. We also have extra large single plants in 4-inch pots and baskets containing six to one dozen.

PRICES

Per Box of 200 Plants	\$1 00
Per Thousand	4 00
Five to Ten Thousand.....per Thousand	3 50
Extra Large Plants in Pots..10c each; per Doz.	1 00
Large Plants in Baskets	50



American Purple Top Rutabaga.

SWEET HERBS.

	Oz.	Lb.
Anise	10	75
Basil, Sweet.....	10	\$1 25
Caraway for Sow-		
ing	10	50
Dill	10	50
Fennel, Sweet...	10	65
Horehound	15	1 50
Lavender	10	90
Marjoram, Sweet.	10	1 00
Rosemary	25	2 75
Rue	10	1 25
Saffron	10	75
Sage, Broad Leaf	10	1 25
Savory, Summer.	10	70
Thyme, English .	20	2 00
Wormwood	15	1 75

TOBACCO.

Connecticut Seed

Leaf..... 25 1 75

TURNIPS**WHITE FLESHED SORTS.**

	Oz.	¼ lb.	Lb.		Oz.	¼ lb.	Lb.
Early White Flat Dutch	5	15	30	Purple Top White			
Extra Early Purple Top				Globe.....	5	15	30
Milan.....	5	20	60	Large White Norfolk	5	15	30
White Egg	5	15	40	Long White Cowhorn	5	15	30
Early Purple Top Strap				Sweet German.....	5	15	35
Leaf	5	15	30	Early White Stone..	5	15	35

YELLOW FLESHED SORTS.

Green Top Yellow Ab-				Early Yellow Stone.	5	15	35
erdeen	5	15	30	Robertson's Golden			
Yellow Globe.....	5	15	35	Ball	5	15	35

RUTABAGA OR SWEDES.

American Purple Top..	5	15	35	Budlong's White			
White Sweet Russian..	5	15	35	Rock	5	15	35
Laing's Purple Top ...	5	15	35	Monarch Tankard...	5	15	35

SEED CORN.

HOLT'S EARLY MAMMOTH



Holt's Early Mammoth.

Ever since we introduced this splendid variety in 1896 it has met with favor everywhere. It is unquestionably the earliest big Yellow Dent Corn we ever saw, and stands to-day without a rival as an early corn suitable to our climate. Notwithstanding the very unfavorable seasons we have had since its introduction we have never failed to harvest our Seed Crops. The stalk is smaller than most varieties producing large ears and although the cob is a trifle larger than some of the newer sorts it does not fall behind when it comes to the number of bushels of shelled corn to the acre. On the contrary we have found it will out-yield them all, and besides the corn being so early it has a chance to fully mature and harden down before it goes to the crib,



White Cap Yellow Dent.

	Pk.	Bu.
Holt's Early Mammoth Yellow Dent.....	40	\$1 25
Pride of the North Yellow Dent.....	40	1 25
Early Michigan Yellow Dent.....	35	1 10
Early White Cap Yellow Dent.....	40	1 25
King of the Earlies Yellow Dent.....	40	1 25
Golden Era Yellow Dent.....	40	1 25
Eight Rowed Yankee.....	40	1 40
Smut Nose, Eight Rowed ...	40	1 40
Wisconsin White Dent.....	40	1 25

PRICES SUBJECT TO CHANGE.

**True Red Cob Ensilage.**

	Pk.	Bu.
Genuine Red Cob Ensilage .	30	\$1 00
Mammoth Southern Ensilage	30	1 00
Leaming	40	1 25
Large White Fodder	25	90

SWEET CORN FODDER.

	Pk.	Bu.
Stowell's Evergreen	50	\$1 50
Early Minnesota . . .	50	1 50
Mixed Sweet Corn .	50	1 50

PRICES SUBJECT TO CHANGE.**RED COB
ENSILAGE CORN**

Red Cob Ensilage Corn is a pure white corn grown on a red cob, giving it an extremely showy appearance. The seed we offer is re-cleaned and in every way first class. We test every lot of this corn before we offer it for sale. It is put up in bags holding $2\frac{1}{2}$ bushels net weight. The Red Cob Ensilage Corn is sweet, tender and juicy, has short joints, abundance of leaves and grows to a great height, 40 tons fodder having been cut from a single acre. It is adapted to every section of the country and gives satisfaction wherever used. It is the best Ensilage we can recommend for Silo purposes and we want every farmer to try some of it this year. We do not recommend it to you as a novelty, but as a sort that has been tried and highly recommended by some of the largest farmers, Silo owners and dairy-men of the United States. An article of merit always commends itself. A proof of this fact is found in the steady increase of demand for this corn every year.

CANADIAN FIELD PEAS

No other grain crop except perhaps Oats can be devoted to so great a variety of uses. The grain is possessed of a relatively high feeding value, and the same is true of the straw. * * *

As a pasture for certain kinds of live stock, Peas may be made to serve an excellent purpose. The value of the crop for soiling and fodder uses is very great, and as a fertilizing crop, Peas are excelled only by Clover.

There is no kind of live stock on the farm to which Peas cannot be fed with positive advantage. * * * They make good food for horses at work, and colts during the period of development, if given as a part of the grain food. As a food for fattening cattle, Peas are probably unexcelled.

* * *

Peas furnish a good food for milch cows. They have been found peculiarly beneficial for building up dairy cows when "out of condition," and for sustaining them in fine form, and they are also excellent for milk production. When given along with oats and bran to cows in milk, they may usually form from one-third to one-half of the grain portion by weight.

* * *

Peas are superior to Corn for pigs at any time prior to the fattening sea-

son; hence they may be fed to them more freely, but in no instance should they form the sole ration before the finishing period begins. During the fattening period, Peas are unexcelled when fed as the sole grain food. They promote growth, while they fatten in excellent form, and they furnish a sweet, firm and excellent quality of pork.

Along with oats, in, say, equal parts, by weight, Peas make good grain ration for ewes in milk, and also lambs, more especially when the latter are for early market. * * * When sheep are being fattened for the block in winter, no grain food can be fed which will be found more suitable than Peas and oats.

* * *

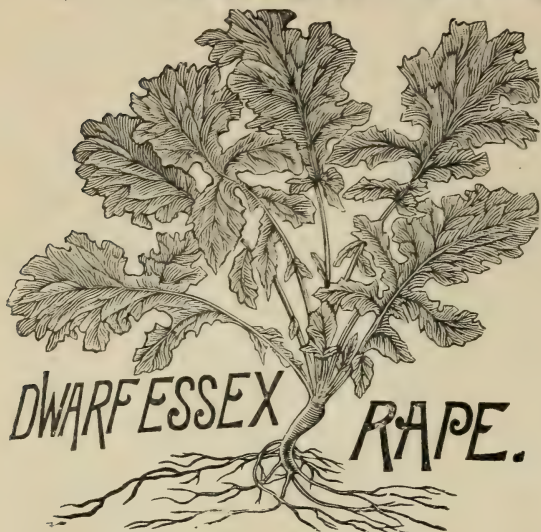
When Pea straw is well cured, it is more relished by horses, cattle and sheep than the straw of rye, wheat, barley, or even oats. * * * Pea straw harvested rather under than over ripe, and then properly cured, will be eaten readily. * * * When cut with the scythe or the pea harvester, cured properly, and then housed or carefully stacked, the straw, except that of some of the coarsest varieties, is nearly equal to Clover hay in feeding value, especially for sheep.

PRICES

SUBJECT TO CHANGE.

	Per Bu.	
Canada White	\$1 10 @	\$1 25
Blue or Green Field	1 10 @	1 25
Scotch	1 25 @	1 40
Black Eyed Marrowfat	1 15 @	1 25
White Marrowfat	1 15 @	1 25
Holland Grey	1 25 @	1 40

Dwarf Essex Rape



This plant is extensively grown for forage, especially for sheep and for green manure, for which purpose there is perhaps no better plant adapted where a quick, rank growth is desired. Farmers who raise much stock and desire to get young cattle, sheep and lambs into favorable condition to be sold advantageously in the Fall, can do it most cheaply by growing this Rape. Prepare the ground as for turnips and sow in June or July, with a turnip drill, in rows two and a half feet apart, at the rate of three pounds of seed per acre, or broadcast at

the rate of six pounds to the acre. Our stock is the true English Grown Dwarf Essex, our own importation. Per lb. 8c; per 100 lbs. \$6.00.

COW PEAS

A valuable and nutritious Green Forage or Hay Crop. Enriches poor land improves good land.

One of the best and most economical ways of improving the soil is the plowing under of a leguminous crop. COW PEAS have been found superior for this purpose, making one of the largest yielding and most nutritious crops known, while as a soil improver they are invaluable. They will grow on any soil that is not wet or cold, and especially on soils medium or light. Like Clover, they absorb Nitrogen from the atmosphere, and the roots, reaching deep into the soil, bring up the necessary Potash, thus making a complete and natural fertilizer. The COW PEA has power greater than any other legume to extract the nitrogen or ammonia from the atmosphere and store same in the vines and roots, so that even if the crop is cut off, the land is enriched and improved by the roots. From 5 to 9 tons of green fodder to the acre have been produced. If planted early in the central corn belt section, a crop can be cut and cured for hay the same as clover, then the stubble in a short time will put out a new growth which can be turned under in the Fall, as a fertilizer. Understand they are sown through the middle north as late as the first of July, while through the south as late as the first of August. Sown 1 to 1½ bushels to the acre broadcast.

PRICES

	Per Bu.		Per Bu.
Whippoorwill	\$3 00	Mixed Cow Peas	3 00
Clay	3 00	Gray Goose	3 00
Early Black	3 00	Soja Beans	3 00

PRICES SUBJECT TO CHANGE

Flower Seeds in Bulk

	Pkt	Oz.		Pkt	Oz.
Alyssum, sweet.....	5	15	Gourds, Nest Egg.....	5	15
Alyssum, Little Gem.....	5	30	Gourds, Ornamental.....	5	15
Aster, Trufant's pink.....	10	1 25	Gourds, Sugar Trough.....	5	15
Aster, white and light blue..	10	1 25	Heliotrope, Giant mixed.....	10	1 75
Aster, Victoria mixed.....	10	1 25	Heliotrope, dark mixed.....	10	1 50
Aster, Giant Comet, mixed ..	10	1 50	Hollyhock, Charter's mixed:	10	2 00
Aster, Upright, white branching	10	1 25	Hop, Japanese.....	5	40
Aster, single, mixed.....	10	90	Ice Plant.....	5	20
Aster, dwarf chrysanthemum	10	1 25	Ipomoea, white seeded.....	5	60
Aster, branching, mixed	10	90	Lobelia, mixed.....	5	60
Aster, branching, pink.....	10	1 00	Larkspur, Double Dwarf		
Aster, branching, lavender	10	1 00	Rocket, mixed.....	5	20
Aster, German quilled.....	10	60	Larkspur, tall mixed.....	5	20
Aster, crimson.....	10	1 00	Linum or Scarlet Flax.....	5	15
Balsam, double pink.....	5	60	Morning Glory, Improved.....	5	10
Balsam, double white.....	5	60	Morning Glory, mixed.....	5	10
Balsam, double scarlet.....	5	60	Morning Glory, Japanese.....	5	15
Balsam, double light lemon..	5	60	Mignonette, sweet.....	5	15
Balsam, Camelia flowered,			Mignonette, Matchet.....	5	50
mixed.....	5	60	Marigold, African mixed.....	5	25
Bellis, double extra choice,			Nasturtium, Madam Gun-		
mixed.....	10	2 00	ther's Hybrid.....	5	10
Balloon Vine.....	5	15	Nasturtium, tall.....	5	10
Bachelor's Button.....	5	15	Nasturtium, dwarf.....	5	10
Butterfly Flower.....	5	15	Pansy, Giant mixed.....	10	3 00
Collinsea, mixed.....	5	15	Pansy, splendid mixed.....	10	1 00
Canterbury Bell, sweet mixed	5	20	Pansy, Vaughn's International	10	10 00
Crysanthemum, double mixed	5	20	Phlox, Dr. Grandiflora.....	5	75
Crysanthemum, double white	5	20	Phlox, Dr. Star.....	5	75
Crysanthemum, double yellow	5	20	Petunia, Hybrid, extra		
Calendula, Pot Marigold,			choice, mixed.....	5	75
Prince of Orange.....	5	20	Poppy, Double Carnation		
Cockscomb, golden.....	10	1 50	Flowered.....	5	15
Cockscomb, crimson.....	10	1 50	Primrose, Chinese.....	10	9 00
Cockscomb, mixed.....	5	40	Portulacca, single.....	5	50
Calliposis, mixed.....	5	15	Portulacca, best double.....	10	2 50
Candytuft, Empress.....	5	25	Sweet Sultan, purple.....	5	20
Candytuft, mixed.....	5	15	Salvia Splendens, Drooping		
Canary Bird Flower.....	5	30	Spikes.....	10	2 25
Canna, Crozy.....	5	20	Smilax.....	5	40
Carnation, choice mixed, ex-			Sunflower, Miniature.....	5	20
tra fine.....	10	2 00	Sunflower, Double California	5	25
Carnation, Margaret.....	10	1 25	Stocks, large flowering,		
Castor Bean, Zanzibar.....	5	10	choice mixed.....	10	1 50
Coboea, Scandens.....	5	50	Sweet William, choice mixed	5	50
Cosmos, Early Flowering			Verbena, Lemon.....	10	2 00
Dawn.....	5	40	Verbena, Hybrid, fine mixed	5	75
Cypress Vine, mixed.....	5	15	Verbena, Hybrid, mammoth	10	1 00
Dahlia, double mixed.....	10	90	Verbena, pink.....	10	1 00
Dianthus, double mixed			Verbena, blue.....	10	1 00
Chinese.....	5	40	Violet, sweet.....	10	1 50
Daisy, Bellis, double white..	10	2 00	Wild Cucumber.....	5	10
Daisy, Swan River.....	10	1 50	Wall Flower.....	5	15
Forget-me-not, blue mixed....	5	50	Zinnia, Double Grandiflora...	5	40
Four O'clock.....	5	10	Zinnia, white.....	5	40
Gourds, Dipper.....	5	15	Zinnia, red.....	5	40

SWEET PEAS

	Oz.	¼ lb	lb
AMERICA, white with stripes bright carmine.....	5	15	40
APPLE BLOSSOM, rose on white ground.....	5	15	40
BLACK KNIGHT, the darkest variety.....	5	15	40
BLANCHE FERRY, bright pink, nearly white wings.....	5	15	40
BLANCHE BURPEE, pure white.....	5	15	40
BLUSHING BEAUTY, pink.....	5	15	40
CAPTAIN OF THE BLUES, bright purple blue.....	5	15	40
COUNTESS CADOGAN, bright violet.....	5	15	40
COUNTESS OF RADNOR, delicate lavender.....	5	15	40
DOROTHY TENNANT, deep rose mauve.....	5	15	40
DUKE OF CLARENCE, dark claret.....	5	15	40
EARLIEST OF ALL, bright pink, wings white.....	5	15	40
EMILY HENDERSON, clear white.....	5	15	40
EMILY ECKFORD, reddish mauve, white wings.....	5	15	40
ELIZA ECKFORD, rose.....	5	15	40
FASCINATION, dark lavender, wings blue.....	5	15	40
FIREFLY, rich scarlet.....	5	15	40
GORGEOUS, salmon orange.....	5	15	40
GRAY FRIAR, delicate heliotrope.....	5	15	40
HER MAJESTY, beautiful rose, large.....	5	15	40
HON. F. BOUVERIE, coral pink.....	5	15	40
KATHERINE TRACY, brilliant pink.....	5	15	40
KING EDWARD VII, dark rich red.....	5	15	40
LADY NINA BALFOUR, most delicate mauve.....	5	15	40
LADY MARY CURRIE, orange pink.....	5	15	40
LADY GRISEL HAMILTON, dark lavender.....	5	15	40
LOTTIE ECKFORD, white suffused lavender.....	5	15	40
LOVELY, soft shell pink.....	5	15	40
MRS. DUGDALE, deep rose.....	5	15	40
MRS. JOS. CHAMBERLAIN, bright rose.....	5	15	40
MRS. ECKFORD, primrose yellow.....	5	15	40
MARS, large bright scarlet.....	5	15	40
MODESTY, delicate pink.....	5	15	40
NAVY BLUE, deep violet blue.....	5	15	40
PRIMA DONNA, soft pink.....	5	15	40
PINK FRIAR, carmine rose.....	5	15	40
QUEEN VICTORIA, pale yellow.....	5	15	40
SALOPIAN, fine scarlet shade.....	5	15	40
STELLA MORSE, deep cream shaded to primrose.....	5	15	40
SENSATION, pale pink.....	5	15	40
SADIE BURPEE, white (white seeded).....	5	15	40
SADIE BURPEE, white, pink flush, (black seeded).....	5	15	40
FANCY MIXED, including all the above sorts.....	5	15	40
CHOICE MIXED.....	5	10	30

WHEN TO PLANT.

MONTH OF MARCH

Make hot beds. Sow Tomato, Cabbage, Lettuce, Celery and Pepper.

APRIL 1st to 15th. Sow out-of-doors:—Radish, Spinach, Turnip, Peas, Onion, and plant Onion Sets, Asparagus and Rhubarb Roots, and sow Sweet Peas and Lawn Grass.

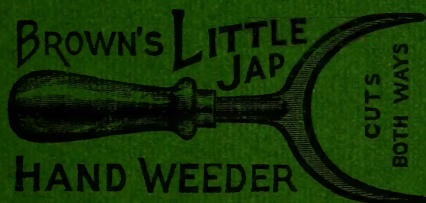
APRIL 15th to MAY 1st. Sow Beet, Carrot, Parsley, Parsnip, Salsify, Mangel Wurzel, Celery, Cabbage and Cauliflower for fall and winter use, and Plant Sweet Corn, Early Potatoes, Early Cabbage, Celery, Cauliflower and Lettuce.

MAY 1st to 15th. Plant Garden Beans, Cucumber, Musk and Water Melon, and Summer Squash.

MAY 15th to JUNE 1st. Plant Field Corn, Lima Beans, Tomatoes, Winter Squash, Pepper and Pumpkin, and sow Winter Radish and Beets for winter use.

MONTH OF JUNE. Sow Cow Peas, Dwarf Essex Rape, Rutabaga, Millet and Hungarian, Buckwheat, and plant Winter Cabbage, Cauliflower and Celery, and sow Fodder Corn.

JULY 1st to AUGUST 15th. Sow Turnip for Winter use.



This little weeding device is intended especially for outside crops. It works to perfection among Onions, Carrots, Beets and all small crops. For thinning out it has no equal.

Price 20 cents. 3 for 50 cents.



The best weeder for florists and especially adapted for working among Carnations and Roses. Does not cut or destroy the roots of plants. The pushing edge is thin enough to work easily through the soil but too dull to damage the stems of plants. The inner edge is sharp. Takes out all the weeds and grass, its oval shape permits the operator to weed behind the plants while standing in front. Ask for circular giving full description. Price 25 cents.

JANUARY.							FEBRUARY.							MARCH.						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
..	..	1	2	3	4	5	..	..	..	..	..	1	2	..	..	..	..	..	1	2
6	7	8	9	10	11	12	3	4	5	6	7	8	9	3	4	5	6	7	8	9
13	14	15	16	17	18	19	10	11	12	13	14	15	16	10	11	12	13	14	15	16
20	21	22	23	24	25	26	17	18	19	20	21	22	23	17	18	19	20	21	22	23
27	28	29	30	31	..	..	24	25	26	27	28	..	..	24	25	26	27	28	29	30
..	..	..	..	..	..	..	..	..	..	..	..	..	..	31	..	..	..	..	..	..

APRIL.							MAY.							JUNE.						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
..	1	2	3	4	5	6	..	..	..	1	2	3	4	..	..	..	..	..	..	1
7	8	9	10	11	12	13	5	6	7	8	9	10	11	2	3	4	5	6	7	8
14	15	16	17	18	19	20	12	13	14	15	16	17	18	9	10	11	12	13	14	15
21	22	23	24	25	26	27	19	20	21	22	23	24	25	16	17	18	19	20	21	22
28	29	30	..	..	..	..	26	27	28	29	30	31	..	23	24	25	26	27	28	29
..	..	..	..	..	..	..	..	..	..	..	..	..	..	30	..	..	..	..	..	..

Alfred J. Brown Seed Co.

Growers, Merchants and Importers of

SEEDS

Grand Rapids, Michigan.

JULY.							AUGUST.							SEPTEMBER.						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
..	1	2	3	4	5	6	..	..	..	..	1	2	3	1	2	3	4	5	6	7
7	8	9	10	11	12	13	4	5	6	7	8	9	10	8	9	10	11	12	13	14
14	15	16	17	18	19	20	11	12	13	14	15	16	17	15	16	17	18	19	20	21
21	22	23	24	25	26	27	18	19	20	21	22	23	24	22	23	24	25	26	27	28
28	29	30	31	..	..	..	25	26	27	28	29	30	31	29	30	..	..	..	..	..
..

OCTOBER.							NOVEMBER.							DECEMBER.						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
..	..	1	2	3	4	5	..	..	..	..	..	1	2	1	2	3	4	5	6	7
6	7	8	9	10	11	12	3	4	5	6	7	8	9	8	9	10	11	12	13	14
13	14	15	16	17	18	19	10	11	12	13	14	15	16	15	16	17	18	19	20	21
20	21	22	23	24	25	26	17	18	19	20	21	22	23	22	23	24	25	26	27	28
27	28	29	30	31	..	..	24	25	26	27	28	29	30	29	30	31	..	..	..	..
..